APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Non-Equilibrium State and Diffusion Creep In Ceramet Bodies, by B. Ye. Pines, A. F. Birenko, 34.pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 5, 1959, pp 766-776. 9670061

ATIC MCL/592/1

Sci - Min/Met

Jul 61

158,751

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

An Investigation of Internal Friction in Metal-ceramic Bodies, 2. The Ternary System Cu-Ni-Fe, by B. Ya. Pines, Den Ge Sen, 5 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 1, 1960, pp 86-90.

PP

Sci.

156,213

Jun 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

A High-Temperature Electronograph with Three Magnetic Lenses and Evaporation Chamber, by B. Ya. Pines, I. P. Grebennik, 7pp.

RUSSIAN, per, Pribory i Tekh Eksper, No. 1, 1961, pp): 156-160.

ISA

191,789

Sci

Mar 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

An Investigation of Internal Friction in Metal-ceramic Bodies. 3. Effects Caused by Plastic Deformations, by B. Ya. Pines, Den Ge Sen, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 1, 1960, pp 91-99.

PP

156, 214

Sel

Jan 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Relationship Between the Service Life Under Load and the Stress Applied for Ferrous Ceramet Samples in Alpha- and Gamma-Phase, by B. Ya. Pines, A.F. Sirenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959. pp 310-313. 9661857.

ATIC MCL 616/1

Sci - Chem
Jun 61

155502

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

"Aftereffect" in Metal Specimens Subjected to Diffusion Creep at High Temperatures, by B. Ya. Pines, I. G. Ivanov, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 5, 1960, pp 959-966.

AIP
Sov Phys-Solid State

Sci

Jan 61

138, 146

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

The Calculated and Empirical Values of the Lifetime of Metals and Alloys Under a Load, by B. Ya. Pines, A. F. Sirenko, 8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6, 1960, pp 1043-1051.

AIP
Sov Phys-Solid State

Sol
Jan 61

135, 155

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

X-Ray Determination of the Coefficients of Heterodiffusion in Cr - Mo and Ni - W Systems, by B. Ya. Pines, I. V. Smushkov, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3, 1958, pp 668-673.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

Sci - Phys
Dec 58

69, 338

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

X-Ray Investigation of the Structure of the Highly Coercive Alloy Fe-Ni-Al-Cu, by I. N. Barykhin, B. Ya. Pines, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VII, No 1, 1959, pp 57-63.

PP

Sci
Aug 60

124,514

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On the Mechanism of the Stress-Rupture Failure of Metals, by B. Ya. Pines, A. F. Sirenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1061.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

152,525

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Dislocation and Diffusion Effects in Recrystallization of Deformed Copper, by B. Ya. Pines, 8 pp.

RUSSIAN, ~~mat~~ per, Fizika Tverdogo Tela-Sbornik Statey, 1949, pp 264-272.

ACSI H-8693
ID 2162139

Sci - Phy

Jun 61

154,733

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Determination of Micro Stresses in Plastically Deformed Polycrystalline Solids, by B. Ya. Pines, N.G. Bereznyak.

HUSSIAN, per, Zhur Tekh Fiz, Vol XXIV, No 2, 1954, pp 329-336. CIA 966075 8

ATIC MCI. 600

Sci - Chem

May 61

Wire DC-2

154,003

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Sintering of Multi-Phase Substances IV. Sintering of Mixtures of High-Melting Metal Powders, by B. Ya. Pines, A. F. Sirenko, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 1, 1958, pp 150-158.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 1

Sci - Phys

Sep 58

74,020

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

X-Ray Diffraction Determination of Dispersion of Structural Constituents and Microstress in High-Coercive CU-NI-FE Alloys, by B. Ya. Pines, I. N. Barutkin, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VI, No 6, 1958, pp 1053-1060.

Pergamon Press

Sci

Jun 60

117,965

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

X-Ray Determination of the Coefficients of Heterodiffusion in Alloys Whose Components Differ Considerably in X-Ray Absorption, by B. Ya. Pines, I. V. Smushkov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3, 1958, pp 661-667.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

69,895

Sci - Phys
Dec 58

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Pines, B. Ya.
SINTERING AND DIFFUSION CREEP OF METAL-LOCERAMIC BODIES (Spekaniye i Diffuzionnaya Polzuchest' Metallokeramicheskikh Tel). 1 Dec 60, 39p. 39 refs. JPRS: 7202.
Order from CTS $1.00 61-11645

Trans. of Vsesoyuznoye Khimicheskoye Obshchestvo. Zhurnal (USSR) 1960, v. 5, no. 2, p. 173-180.

A literature review based on Soviet and non-Soviet references.

(Materials--Ceramics, TT. v. 5, no. 7)

61-11645

1. Cermets--Creep
2. Cermets--Sintering
I. Pines, B. Ya.
II. JPRS-7202
III. Joint Publications Research Service, New York

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On the Calculation of the Simplest Equilibrium Diagrams of Ternary Alloys. II. Some Solutions of the General Equations for the Case of Separation of Solutions Accompanied by Phase Transition, by B. Ya. Pines, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8, pp 1886-1892.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

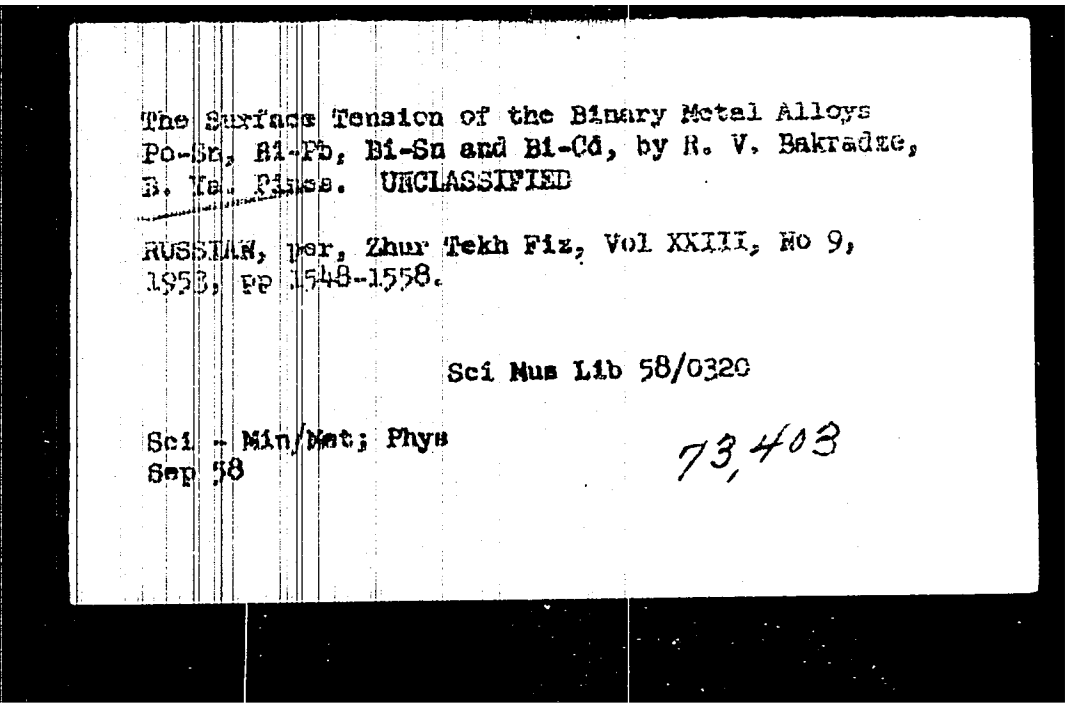
Sci - Phys

64,766

Jun 58

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



The Surface Tension of the Binary Metal Alloys Pb-Sn, Bi-Pb, Bi-Sn and Bi-Cd, by R. V. Bakradze, B. Ya. Pines. UNCLASSIFIED

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIII, No 9, 1953, pp 1548-1558.

Sci Nus Lib 58/0320

Sci - Min/Met; Phys
Sep 58

73,403

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Sintering of Multi-Phase Bodies. III. Sintering of Mixtures Containing Low-Melting-Point Powders, by B. Ya. Pines, A. F. Sirenko, N. I. Sukhinin, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8, pp 1897-1902.
3 3

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

Jun 58

64,767

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Some Correlations Regarding the Mechanical Strength of Materials Obtained by Sintering of Powdered Metals. III. Case When Powder Mixtures Contain Easily Fusible Components, by B. Ya. Pines, A.F. Sirenko, N. I. Sukhinin, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8, pp 1903-1911.
4

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

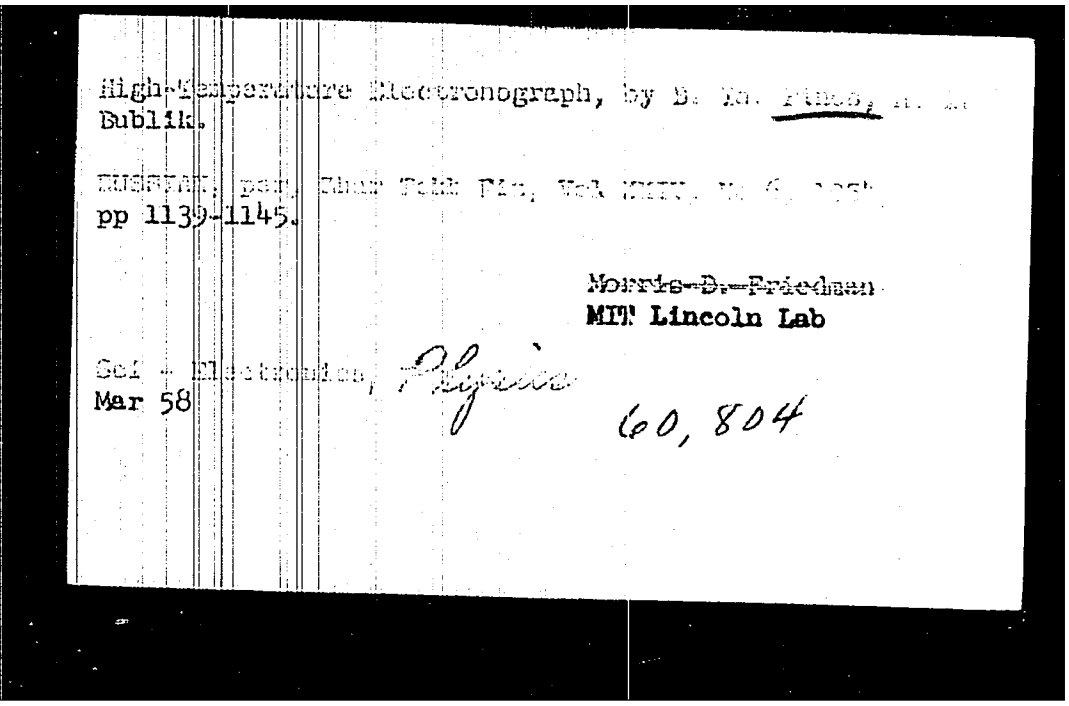
Sci - Phys

64,768

Jun 58

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



High-Temperature Electronograph, by B. Ya. Pines, A. M. Bublik.

Zhurnal. per. Khim Fakh Fiz, Vol [illegible], No 6, 1957, pp 1139-1145.

~~Norris D. Friedman~~
MIT Lincoln Lab

Sci + Electronics, Physics
Mar 58

60, 804

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On Ductile Rppture, by B. Ya. Pines, 26 pp.

RUSSIAN, no per, Zhur Eksp i Teoret Fiz, Vol XVI, No 8, 1946, pp 744-755.

Sci Tr Center RT-327

Scientific - Physics

10,134

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On Sintering (In Solid Phase), by B. Ye. Pines,
[illegible] pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVI, No 6,
1946, pp 737-743.

26,713

Sci Trans Center
RT-2369

Scientific - Physics Sep 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

...n the Energy of Mixing and Energy of Arrangement of ...olid Solutions, by B. Ya. Pines, 6 pp.

...ull translation.

...SSIAN, Iz Sek Fiz-Khim Anal, Inst Obsh i ...ner Khim, 1943, Vol XVI, No 1, pp 64-67.

Sci Mus Lib No 52/3270

...cientific - Chemistry

...7 December1952

A 9197

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On the Sintering of Multiphase Bodies, II. The Sintering of Compressed Powder Mixtures, Contraction as a Function of Concentration, by B. Ya. Pines, N. I. Sukhinin, 8 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2100-2107.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54,380

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

The Influence of the Plastic Deformation of Nickel on the Rate of Diffusion in the System Ni-S, by B. Ya. Pines, E. F. Chaikovskiy, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 3, 1960, pp 369-373.

PP

Sci

Apr 61

149,599

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

A Criticism of Williamson and Smallman's Article on the Use of Fourier Analysis for the Interpretation of Broadened Lines in X-Ray Patterns of Cold-Worked Iron and Molybdenum [1], by B. Ya. Pines, 2 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVI, No 10, Oct 1956, pp 2387, 2388.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol I, No 10

Sci - Minerals/Metals
Nov 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Calculation of the Simplest Equilibrium Diagrams for Ternary Alloys, 1. The General Equations and Their Solutions for Solution Decompositions Not Involving a Phase Transition, by B. Ya. Pines, 12 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2108-2118.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 381

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On the Sintering of Multiphase Bodies, I. The Coalescence of Heterogeneous Grains, by B. Ya. Pines, 15 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2086-2099.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 379

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Resolution in So-Called High-Dispersion x-Ray Photography, by B. Ya. Pines, A. F. Sirenko, L. G. Mel'nik, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10, 1958, pp 2344-2347.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 10

Sci - Phys

Jun 59

90,128

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Diffusive Creep of Solids, by B. Ya. Pines, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 10, 1957
pp 2314-2320.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 10

Sci-Phys
Jun 58

65,307

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Some Laws of Mechanical Strength in Bodies Produced by Sintering Powdered Metals, by B. Ya. Pines, N. I. Sukhinin, 9 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2076-2085.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 378

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On Microdeformations in the Crystal Lattice of α-Fe for Tempered and Annealed Steels, by B. Ya. Pines, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIII, No 4, 1955, pp 601-604.

Morris D. Friedman
$3.00

Scientific - Physics
Min/Metals
Jun 56 CRB/dcx

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Mixing Energies of Binary Metallic Systems, by Ya. E. Geguzin, B. Ya. Pines,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII, No 4, 1950, pp 535-538.

Fulmer Research Institute No 15

Scientific - Physics

10,686

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Self-Diffusion and Heterodiffusion in Nonhomogeneous Porous Bodies. II. The Direct and Reverse Frenkel'Effect, by B. Ya. Pines, A. F. Sirenko, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 8, 1958, pp 1748-1752.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys
Mar 59

83,373

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(NY-4883)

Sintering and Diffusion Creep of Metallocleramic Bodies, by B. Ya. Pines, 39 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleyev, Vol V, No 2, 1960, pp 173-180.

JPRS 7202
OTS 61-19798
135,842

Sci - Engr

Dec 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

An Investigation of Internal Friction in Powder Products, by B. Ya. Pines, Den Ge Sen, 7 pp

RUSSIAN, par; Fiz Metal i Metallov, Vol VIII, No 4, 1959, pp 599-606

PP 3
149,646

Sci-
Feb 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(FDD 19312)

Sharp-Focus X-Ray Tubes and Light-Powerful Monochromators, by B. Ya. Pines, 12 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVI, No 3, Moscow/Leningrad, May/Jun 1952, pp 333-338.

CIA/FDD/U-5486

USSR

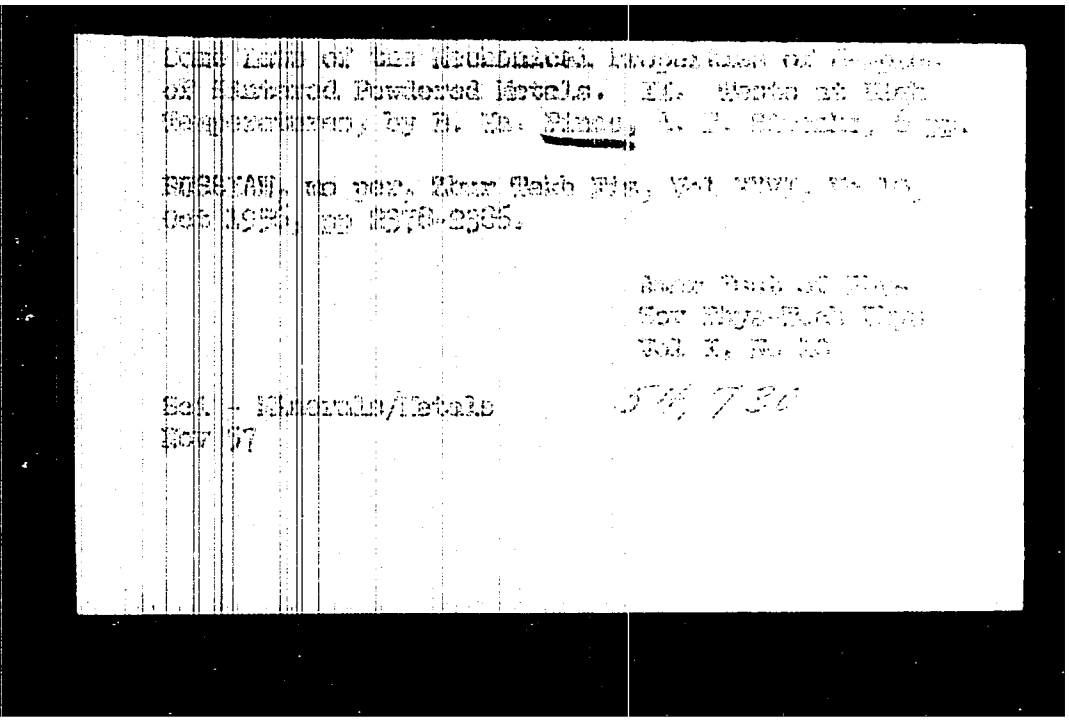
11,017

Scientific - Physics, x-ray tubes and monochromators

Feb 54

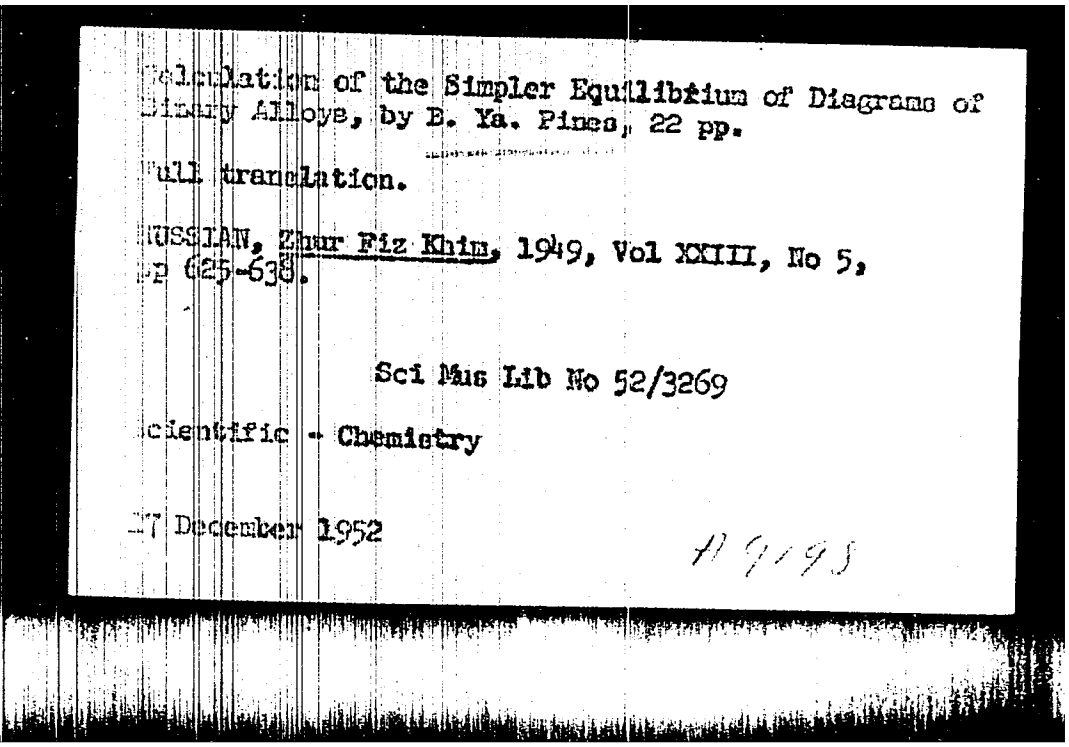
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Calculation of the Simpler Equilibrium of Diagrams of Binary Alloys, by B. Ya. Pines, 22 pp.

Full translation.

RUSSIAN, Zhur Fiz Khim, 1949, Vol XXIII, No 5, pp 625-638.

Sci Mis Lib No 52/3269

Scientific - Chemistry

27 December 1952

11995

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Theoretical and Experimental Equilibrium Diagrams of Some Simpler Binary Alloys, by Ya. E. Geguzin, B. Ya. Pines, 7 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1950, Vol LXXV, No 3, pp 387-390.

Sci Mus Lib No 52/3248

Scientific - Chemistry

27 December 1952

H-3006

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Concerning the Problem of the Conditions for the Reversibility of Breakdown Process of Metals Under Loading, by B. Ya. Pines, A. F. Sirenko, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 6, 1960, pp 1312-1315

AIP
Sov Phys - Doklady
Vol V, No 2

Sci
Nov 60

132,732

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

On the Method of Obtaining Alloys of Varying Concentration, by V. S. Kogan, B. Ya. Pines.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVIII(3), 1948, pp 377-382.

Fulmer Research Institute
Tr No 35 OT/413

Scientific - ~~Chemistry~~ Physics, concentration, alloys

Index Aeronauticus

A5565

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Depencence of the Durability Under Loading of Metal Ceramic Speciments of Iron in Alpha- and Gamma-Phases on Stresses, by B. Ya. Pines, A. F. Sirenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959, pp 310-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120, 691

Sci

Jul 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Pines, B. Ya. and Bereznyak, N. G
DETERMINATION OF MICROSTRESSES IN PLASTICALLY DEFORMED POLYCRYSTALLINE SOLIDS (K Opredeleniyu Mikronapryazheniy u Plasticheski Deformirovannykh Poliyeristallicheskikh Tel). 4 Nov 60 [15]p. 6 refs. MCL-600/1.
Order from LC or SLA mi$2.40, ph$3.30 61-19405

Rough draft trans. of Zhurnal Tekhnicheskoy Fiziki (USSR) 1954, v. 24, no. 2, p. 329-336.

A method of harmonic analysis of the intensity distribution curve is used in determining the structural variations which arise during plastic deformation of polycrystalline samples of W and Ta. In order to refine the method for calculating the microdeformations, a relationship is established between the values of the coefficients of expansion into a Fourier series and the magnitude of the angle interval of the blurred line which has been assumed for the given analysis. It was found that after deformation the blurred lines on microphotographs (Mechanics, TT, v. 5, no. 10) (over)

61-19405

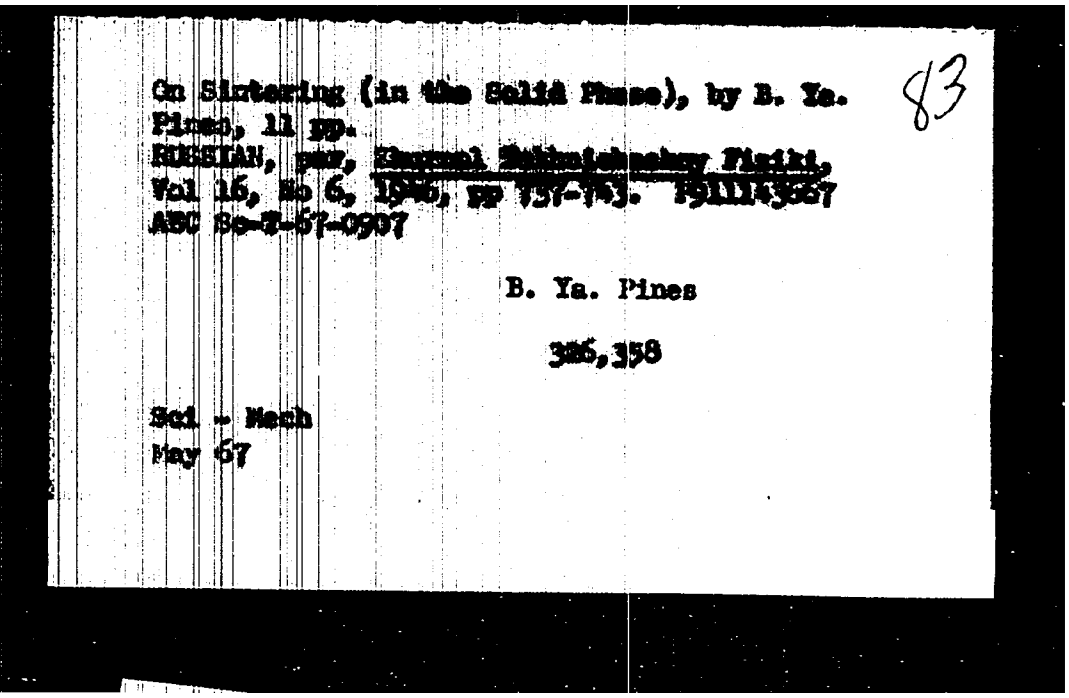
1. Solids--Stresses
2. Solids--Deformation
3. Harmonic analysis--Applications

I. Pines, B. Ya.
II. Bereznyak, N. G.
III. MCL-600/1
IV. Technical Information Center, Wright-Patterson AFB, Ohio

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



On Sintering (in the Solid Phase), by B. Ya. Pines, 11 pp.
RUSSIAN, pub, Zhurnal Eksperimental'noy Fiziki, Vol 16, No 6, 1946, pp 157-163. 79111-3567
ASTIA Se-2-57-0907

83

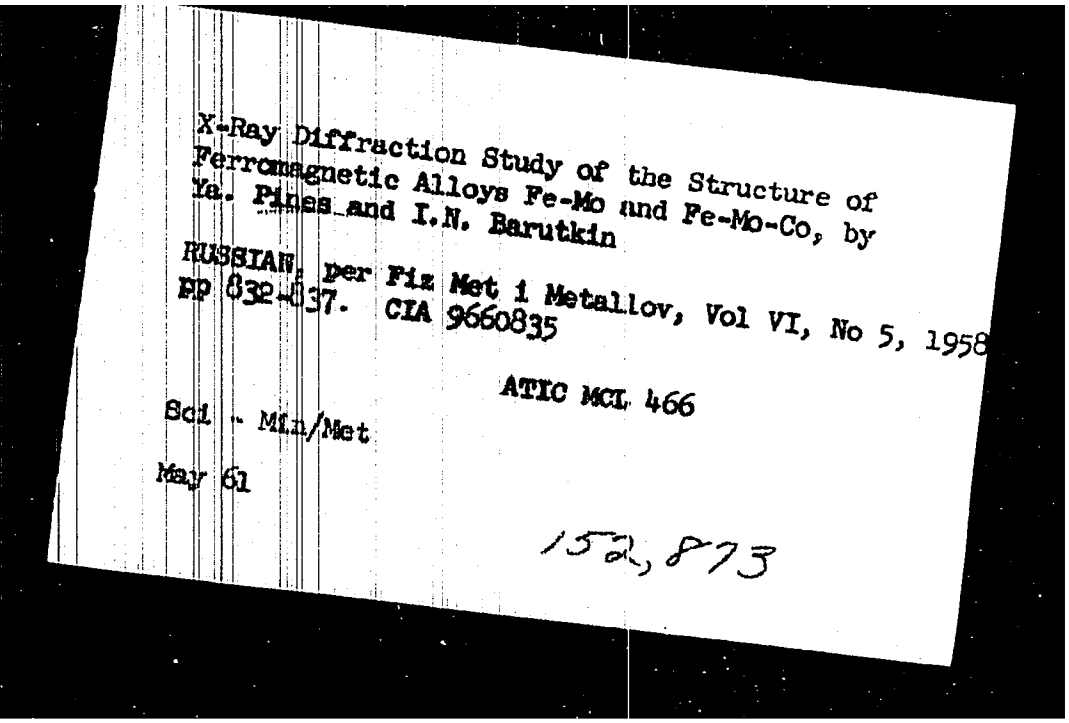
B. Ya. Pines

385,358

Sci - Mech
May 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



X-Ray Diffraction Study of the Structure of Ferromagnetic Alloys Fe-Mo and Fe-Mo-Co, by Ya. Pines and I.N. Barutkin

RUSSIAN, per Fiz Met i Metallov, Vol VI, No 5, 1958 pp 832-837. CIA 9660835

ATIC MCL 466

Sci - Min/Met

May 61

152,873

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Pines, Ya. and Barutkin, L. N.
X-RAY DIFFRACTION STUDY OF THE STRUCTURE OF FERROMAGNETIC ALLOYS Fe-Mo AND Fe-Mo-Co (Rentgenograficheskoye Issledovaniye Struktury Ferromagnitnykh Splavov Fe-Mo i Fe-Mo-Co). 31 Oct 60 [13]p. 10 refs. MCL-466/1.
Order from LC or SLA mi$2.40, ph$3.30 61-19430

Rough draft trans. of "Fizika Metallov i Metallovedeniye (USSR) 1958, v. 6, no. 5, p. 832-837.

Harmonic analysis of the form of X-ray diffraction lines is used to determine the magnitude of microstresses and paramagnetic inclusions in alloys Fe-Mo and Fe-Mo-Co after different thermal treatment. Structural characteristics are compared with magnetic properties. (Author)

(Metallurgy--Structural, TT, v. 5, no. 10)

61-19430

1. Ferromagnetic materials--X-ray analysis
2. Iron alloys--X-ray analysis
I. Pines, Ya.
II. Barutkin, L. N.
III. MCL-466/1
IV. Technical Information Center, Wright-Patterson AFB, Ohio

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

The Electrophysiological Characteristics of the Afferent Connections of the Kidney With the Central Nervous System, by YU. L. PERES, 6 pp.

RUSSIAN, per. Fiziol Zhur SSSR imeni I. M. Sechenova, Vol. XLVI, No 11, 1960, pp 1380-1386.

PP

164, 119

Sci

Aug 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Efferent and Afferent Impulsation in the Renal Nerves during the Development of Experimental Neurogenic Hypertension
By Yu. L. Pines p. 5

RUSSIAN, per. Byul Eksper Biol i Medit, Vol LIII, No 5, 1962, pp. 46-49

CB

Sci

Aug 63

343,066

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Electrophysiological Investigation on the Mechanoreceptors in the Intrarenal Vessels, by Yu. L. Pines, 10 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M. Sechenov, Vol XLV, No 11, 1959, pp 1339-1347.

Pergamon Press

Sci

May 60

116,953

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Sam
Pulse Operated Sharp Focus X-Ray Tubes, by
A. I. Bublik, B. Ya. Pinsss.

RUSSIAN, por, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 3, 1952, pp 350-352.

NLL Ref. 0578.9 1963 (1,528)
(Lom)

Sci - Phys
Nov 63

242, 326

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Pulmonary and Extrapulmonary Tuberculosis of Super-infection Type in Attending Hospital Personnel, by J. Brun, J. Viallier, F. Pinet, 24 pp.

FRENCH, per, J. Med Lyon, Vol XXX, No 719, Dec 1949, pp 959-968.

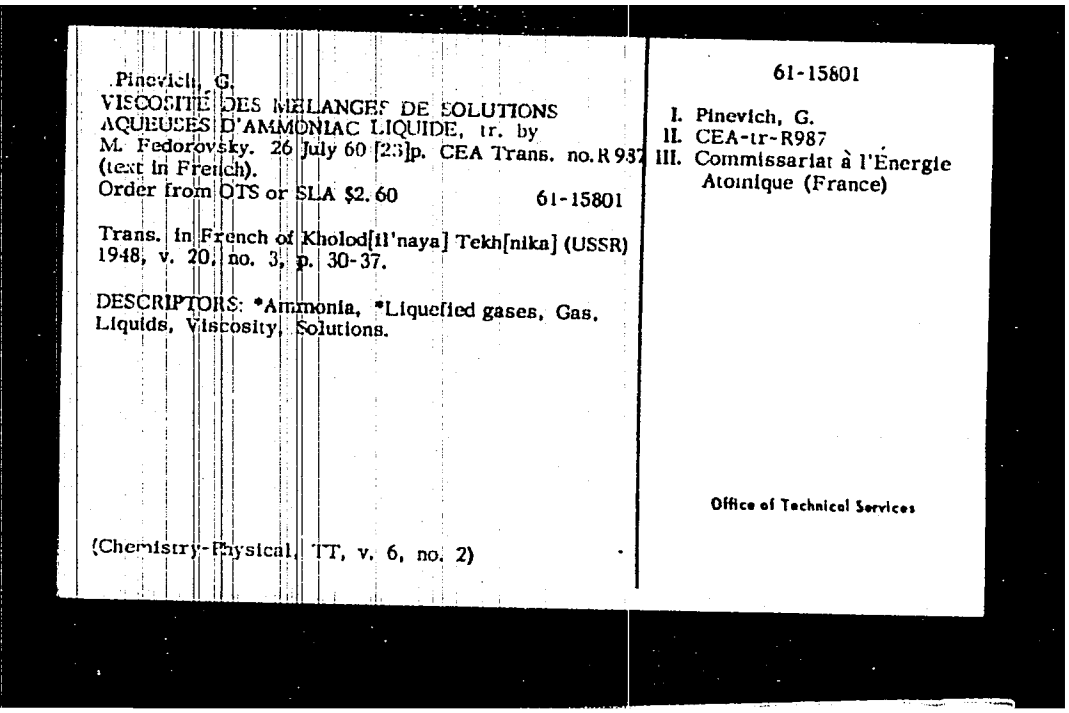
SLA Tr 2771

55,517

Sci - Medicine
Nov 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Pinevich, G.
VISCOSITE DES MELANGES DE SOLUTIONS AQUEUSES D'AMMONIAC LIQUIDE, tr. by M. Fedorovsky. 26 July 60 [23]p. CEA Trans. no. R 937 (text in French).
Order from OTS or SLA $2.60 61-15801

Trans. in French of Kholod[il'naya] Tekh[nika] (USSR) 1948, v. 20, no. 3, p. 30-37.

DESCRIPTORS: *Ammonia, *Liquefied gases, Gas, Liquids, Viscosity, Solutions.

(Chemistry-Physical, TT, v. 6, no. 2)

61-15801

I. Pinevich, G.
II. CEA-tr-R987
III. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Calculating the Ventilation of Cement Mills, by G. V. Pinevich, 4 pp.

RUSSIAN, bimo per, Tsement, No 5, Sep/Oct 1956, pp 19, 20.

Consultants Bureau

Sci - Engineering, ~~Chemistry~~ 49,088
Jun 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Batisite, A New Mineral, by S. M. Kravchenko, Ye. V. Vlasova, N. G. Pinevich 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 657-660.

AGI

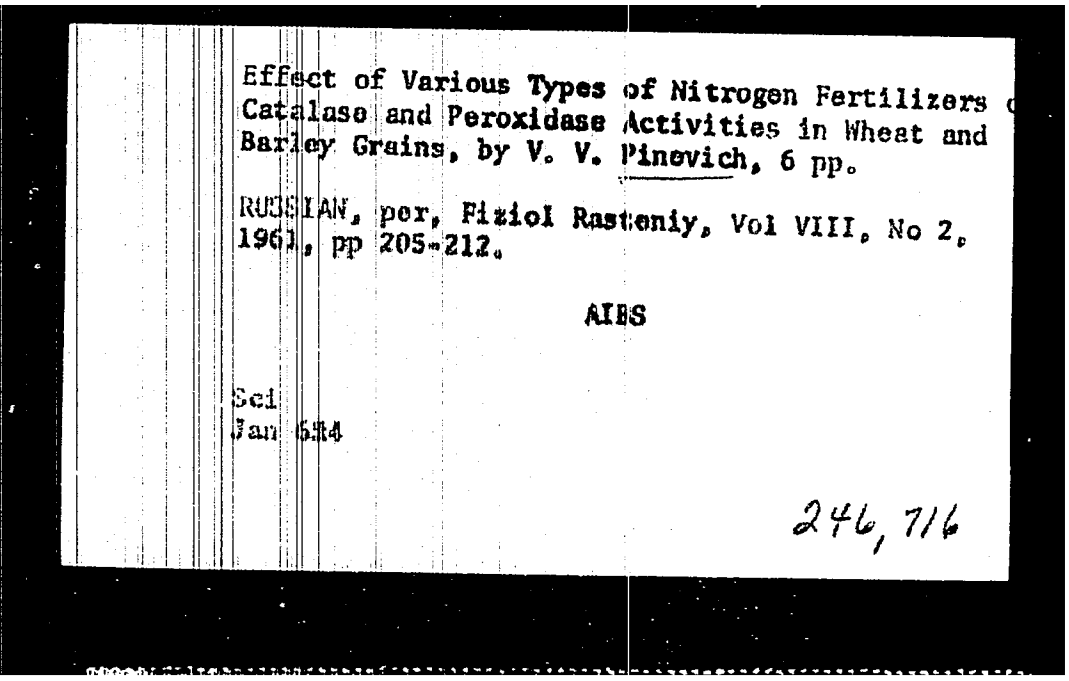
Sci

Aug 61

163, 828

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Effect of Various Types of Nitrogen Fertilizers o
Catalase and Peroxidase Activities in Wheat and
Barley Grains, by V. V. Pinevich, 6 pp.

RUSSIAN, per, Fiziol Rastenly, Vol VIII, No 2,
1961, pp 205-212.

AIBS

Sci
Jan 64

246,716

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Chlorella and Economic Utilization of Unicellular Algae, by V. V. Pinevich.

RUSSIAN, per, Zemledelie, Vol XXIII, No 5, 1961, pp 42-49. 9096816

USDA Tr. A-1322

184,469

Sci - Biol

Feb 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Certain Results of Large-Scale Culture of Unicellular Algae, by V. A. Chesnokov, V. V. Vinevich, N. N. Verzilin.

RUSSIAN, per, Vest Leningrad Universitets, Vol XV, No 9, 1960, pp 29-36. 9076509

USDA

Sci - Bio

153 899

Jun 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(NY-6300/9)

The Annihilation of American Mercenary Troops,
by ---------- K'ung Bien, Ping An, 6 pp.

CHINESE, np, Jen-min Jih-pao, 24 Apr 1961, p 4.

JPRS 9561

FE - China

Pol

Aug 61

16X2,087

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Minimax Estimates of Parameters of Distributions Belonging to the Exponential Family, by Chen Ping, 23 pp.

CHINESE, per, Acta Mathematica Sinica, Vol XIV' No 2, 1964, pp 252-275.

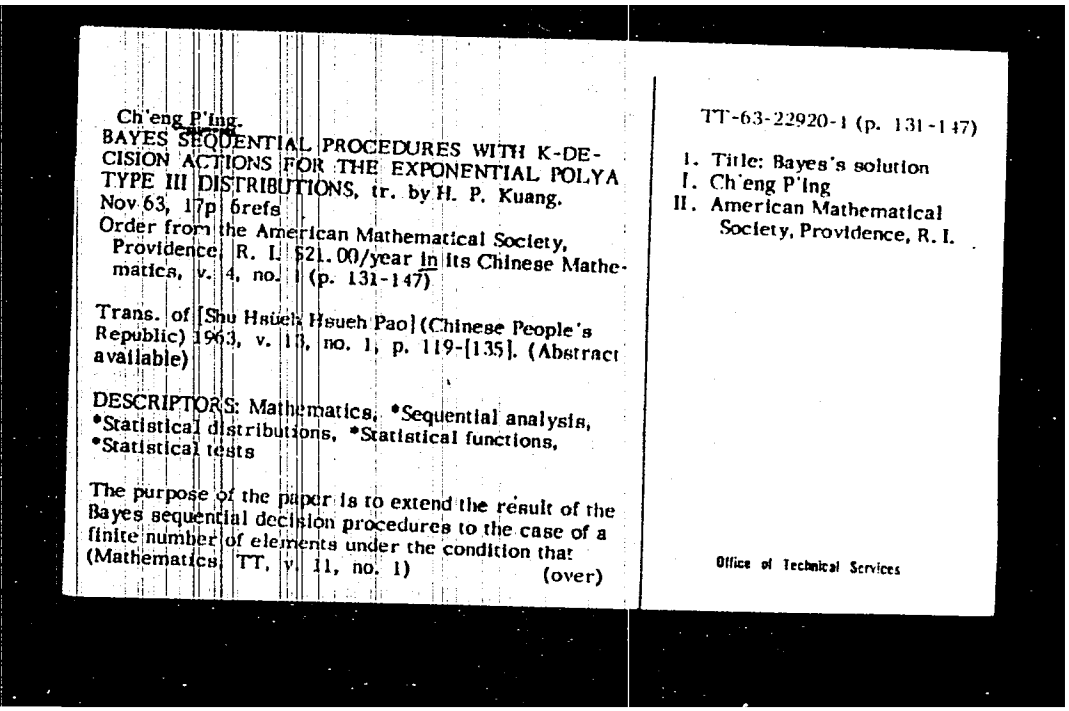
Amer Math Soc
Vol V, No 2

Sci
Sept 64

266,691

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Ch'eng P'ing.
BAYES SEQUENTIAL PROCEDURES WITH K-DECISION ACTIONS FOR THE EXPONENTIAL POLYA TYPE III DISTRIBUTIONS, tr. by H. P. Kuang. Nov 63, 17p 6refs
Order from the American Mathematical Society, Providence, R. I. $21.00/year in its Chinese Mathematics, v. 4, no. 1 (p. 131-147)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's Republic) 1963, v. 13, no. 1, p. 119-[135]. (Abstract available)

DESCRIPTORS: Mathematics, *Sequential analysis, *Statistical distributions, *Statistical functions, *Statistical tests

The purpose of the paper is to extend the result of the Bayes sequential decision procedures to the case of a finite number of elements under the condition that
(Mathematics, TT, v. 11, no. 1) (over)

TT-63-22920-1 (p. 131-147)

1. Title: Bayes's solution
I. Ch'eng P'ing
II. American Mathematical Society, Providence, R. I.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(SF-1510).

On-The-Spot Meetings at the Shanghai Radio Factory, by I. P'ing, 4 pp.

CHINESE, per, Shanghai Kung-shang, No 15-16, 20 Aug 1958, pp 41-42.

JPRS 4462

FE - China

Pol

Mar 61

143,608

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

An Account of the Industries and Wards of Tientsin, by Pai P'ing, 8 pp. FOR OFFICIAL USE ONLY

CHINESE, per, Shih-tai P'i-p'ing, 16 Apr 1963.

500th TFTC Gp 2083/63
Doc No 108586

FE - China
Econ
Jul 63

238,223

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Communist Party Members Must Have Vitality, by Tieh Ping, 5 pp

CHINESE, mo por, Jen-min Jih-pao, Peiping, 4 Jan 58, p 7.

US JPRS/DC-187
CSO DC-1640/2

FE - China

Pol

Jun 58

64,734

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

"Communist Party Members Must have Vitality", by Tieh Ping
5 pp
CHINESE, dp, np, Jen-min Jih-pao, Peiping, 4 Jan 58, p 7

USJPRS/EC-187
CSO EC-1640/2

FE - China
Pol
Oct 58

74 234

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Stand Firm, Never Fade in Color, by Yuan Ping, 6 pp.

CHINESE, per, Hung-ch'i, No 20, 28 Oct 64.

JPRS 27757

Asia-China
Pol
Jan 65

272,344

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

S-685, 686 (NY-5243).

Ultra Short Wave Radiotelephone Made by P'ing-yao,

CHINESE, np, Jen-min Yu-tien, 17 Feb 1960, p 5.

*JPRS

FE - China

Econ

11 Oct 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Trial Reform of the Industrial and Commercial Tax System, by Wen [redacted] Ping-yuan, 5 pp.

CHINESE, per, Tsai Cheng, No 5, 4 Apr 1958.
(Available CIA Lib)

AmerConGen Hong Kong,
Ext from China Mainland
Mag, No 136, 21 Jul 1958

FE - China
Econ
Oct 58

74,649

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Pure Beryllium Oxide Production, by J. C. Hitter, L. Pingard,

FRENCH, paper P/346, Proceedings on International Conference on Peaceful Uses of Atomic Energy Held at Geneva 8-20 Aug 1955, Vol VIII.

Internatl Conf -- UN

46.103

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(DC-3175).

Hydraulic Coal Mining is Developing Rapidly, by Ch'en Ping-ch'iang, 10 pp.

CHINESE, per, Mei-kuang Chi-shu, No 19/20, Peiping, 1959, pp 27-33.

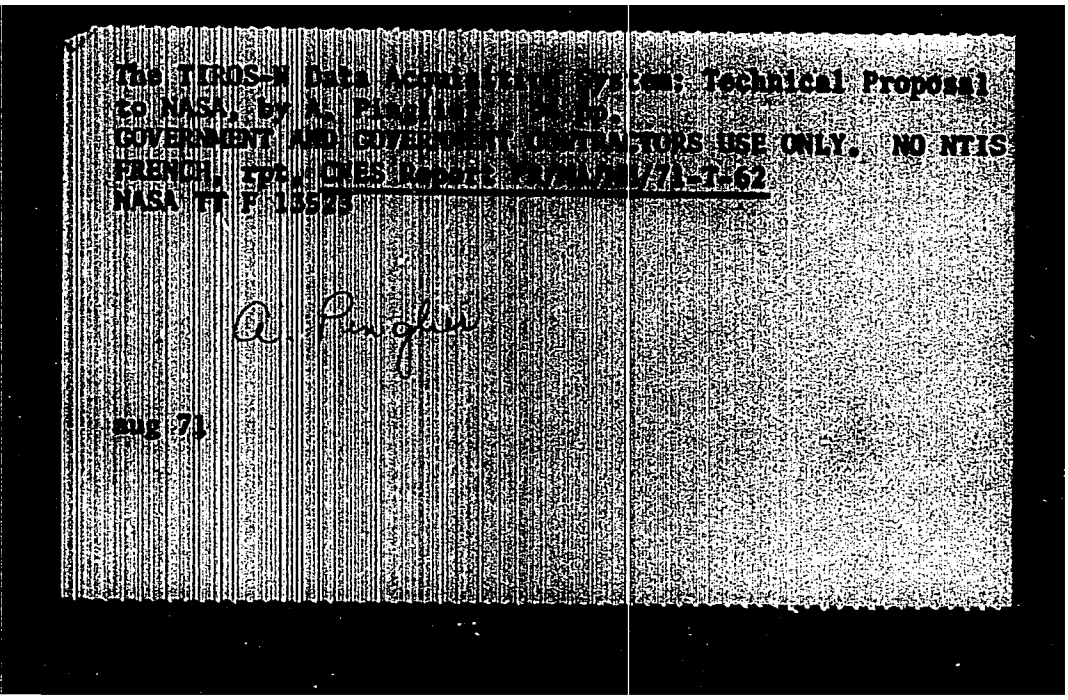
1123-D
JPRS-[redacted]

FE - China
Econ - Industry
Feb 60

107 114

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5


Tiros-N Data Acquisition System: Technical Proposal
GOVERNMENT AND GOVERNMENT CONTRACTORS USE ONLY. NO NTIS
FRENCH. TPF-CNES Reports 7/1_1-62
NASA TT F-15525
Aug 74

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

No 23 (NY-3334).

Some of China's Researches on Ion-Exchange Resins, by Ho Ping-lin, 17 pp.

CHINESE, per, Kao-fen-tzu T'ung-hsun, Vol III, No 5, Peiping, Oct 1959, pp 210-224.

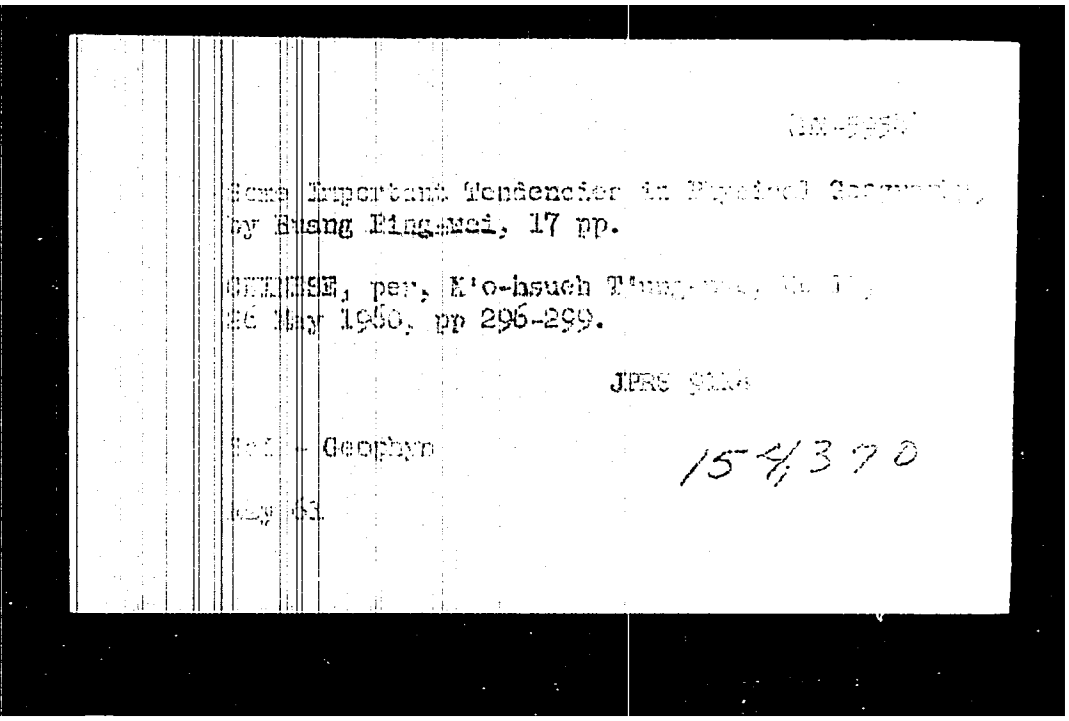
JPRS-2149-N

Sci - Chem, Macromolecular organic chemistry
Jan 60

105707

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



(U)-[illegible]

Some Important Tendencies in Physical Geography
by Huang Ying-wei, 17 pp.

CHINESE, per, K'o-hsueh T'ung-pao, Vol 1,
26 May 1950, pp 296-299.

JPRS [illegible]

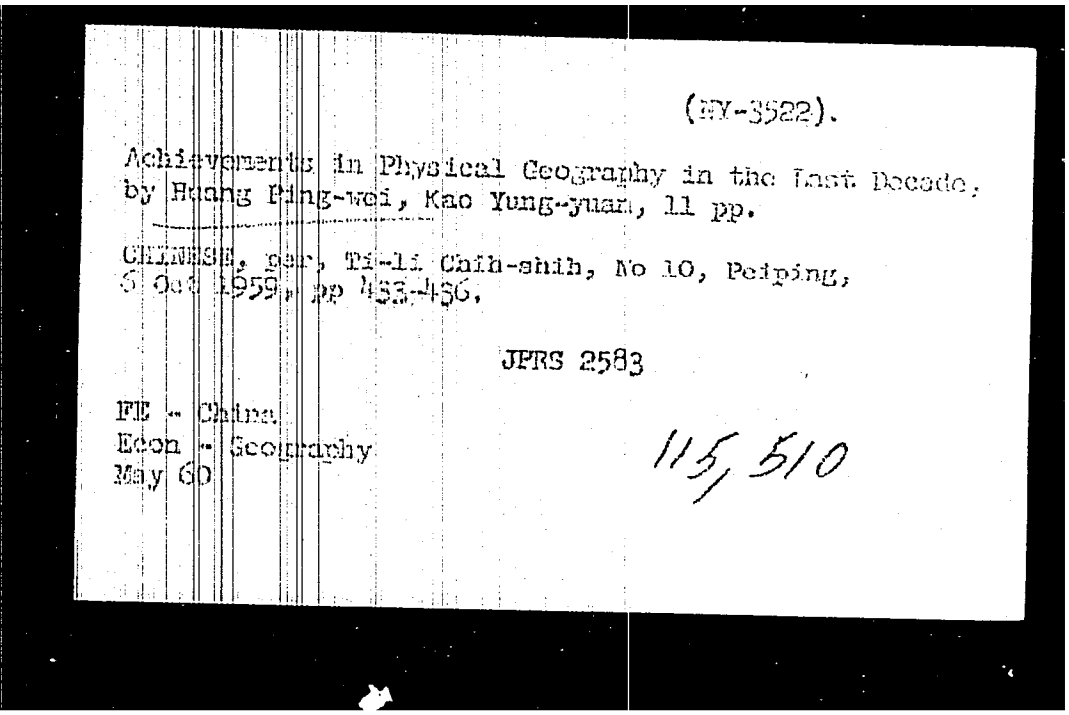
[illegible] - Geophys

15-4/370

[illegible] 53

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



(EY-3522).

Achievements in Physical Geography in the Last Decade, by Huang Ping-wei, Kao Yung-yuan, 11 pp.

CHINESE, ger, Ti-li Chih-shih, No 10, Peiping, 6 Oct 1959, pp 433-436.

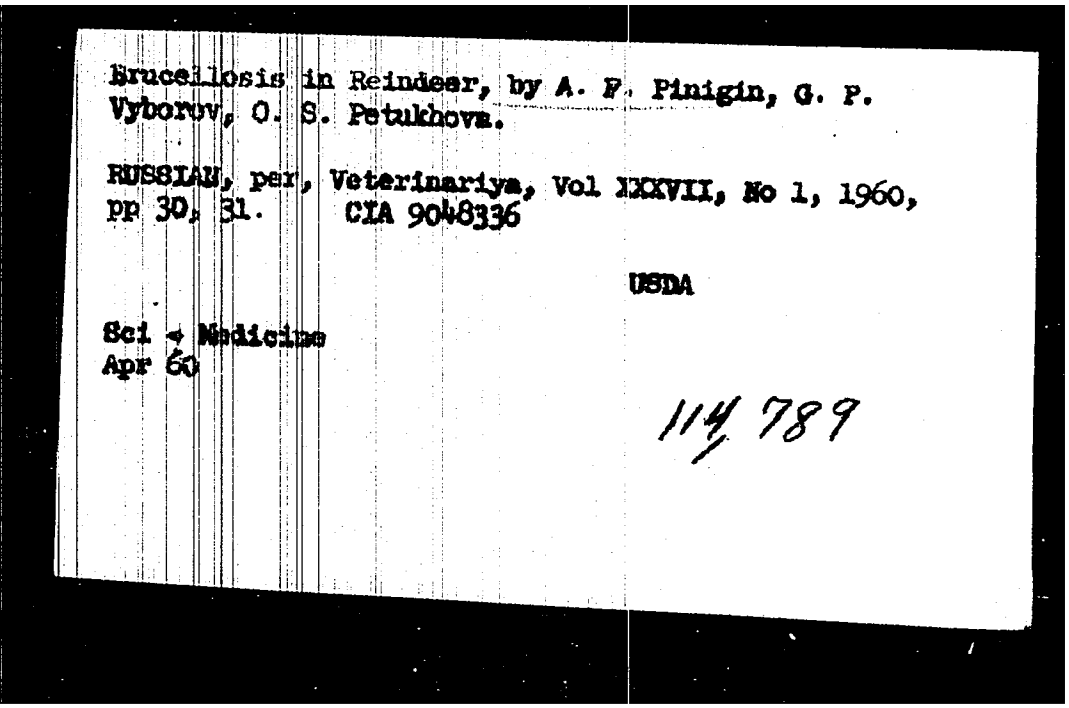
JPRS 2583

FE - China
Econ - Geography
May 60

115,510

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Brucellosis in Reindeer, by A. P. Pinigin, G. P. Vyborov, O. S. Petukhova.

RUSSIAN, per, Veterinariya, Vol XXXVII, No 1, 1960, pp 30, 31. CIA 9048336

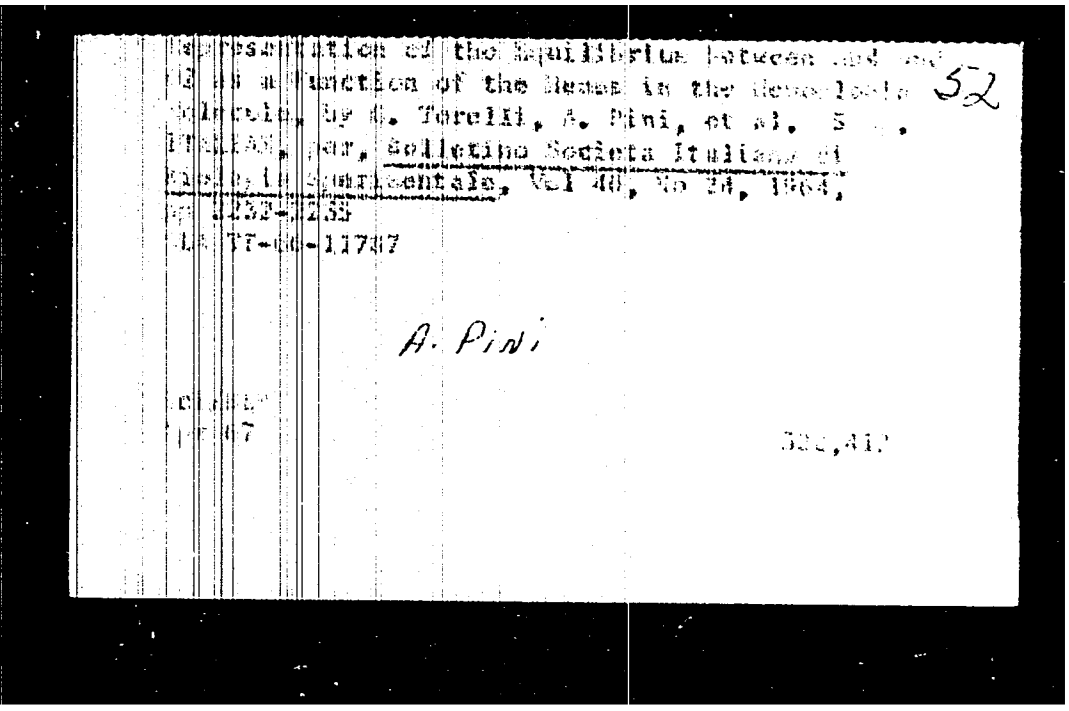
USDA

Sci - Medicine
Apr 60

114 789

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



...esentation of the Equilibrium between and ... 52
...n a Function of the Dense in the Hemoglobin ...
...Ingrosso, by D. Torelli, A. Pini, et al. S ...
...ITALIAN, per, Collettino Società Italiana di ...
...Fisiologia Sperimentale, Vol 40, No 24, 1964, ...
...1253-1255
...TT-66-11707

A. Pini

...
...67

...32,41

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(2071-N)

Investigation of the Radioactivity of Water and Bottom Deposits of City Ponds, by G. A. Malov, V. F. Oreshko, and M. A. Finigin, 8 pp.

RUSSIAN, per, Gig i San, No 10, 1958, pp 28-32.

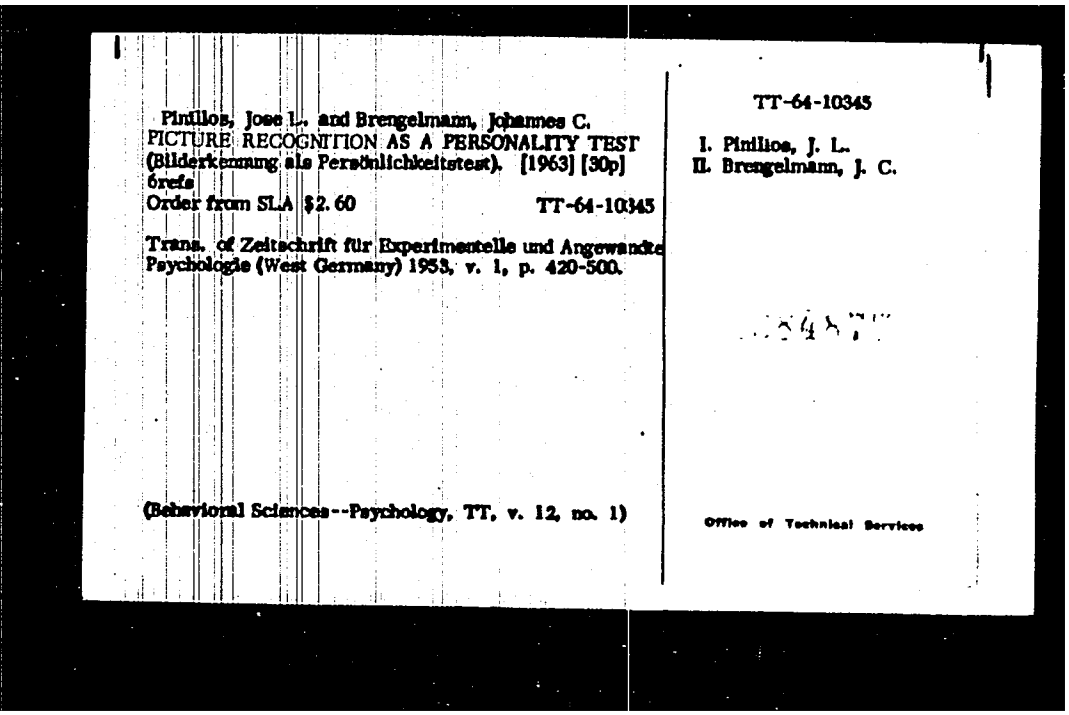
JPRS 1387-N

Sci - Med
Mar 59

83,718

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Pinillos, Jose L., and Brengelmann, Johannes C.
PICTURE RECOGNITION AS A PERSONALITY TEST (Bilderkennung als Persönlichkeitstest). [1963] [30p] 6refs
Order from SLA $2.60 TT-64-10345

Trans. of Zeitschrift für Experimentelle und Angewandte Psychologie (West Germany) 1953, v. 1, p. 420-500.

(Behavioral Sciences--Psychology, TT, v. 12, no. 1)

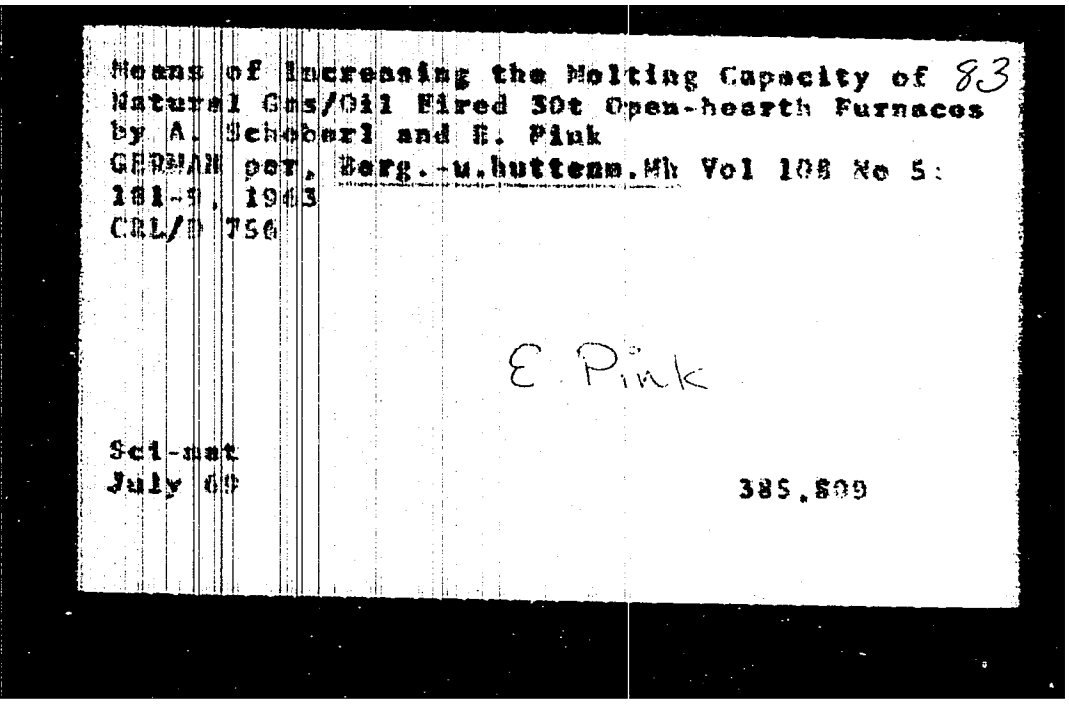
TT-64-10345

I. Pinillos, J. L.
II. Brengelmann, J. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Means of Increasing the Melting Capacity of 83
Natural Gas/Oil Fired 30t Open-hearth Furnaces
by A. Schoberl and E. Pink
GERMAN per. Berg.-u.huttenm.Mh Vol 108 No 5:
181-9, 1963
CRL/D 756

E. Pink

Sci-mat
July 69

385,809

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Transformation of a 30-t Open Hearth Furnace From Producer Gas to Natural Gas/Oil Firing, by E. Fink, O. Krifka.

GERMAN, per, Radex Rundschau, No 4, 1961, pp 647-656.

BISI 3129

F

Sci - Fuels

Jul 63

235,737

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

A Method of Assessing Domestic Uranium Ores, by K. Pinkas, 5 pp.

POLISH, per, Nukleonika, Vol IV, No 3, 1959, pp 265-270.

XK
AEC-tr-4152
PL-480

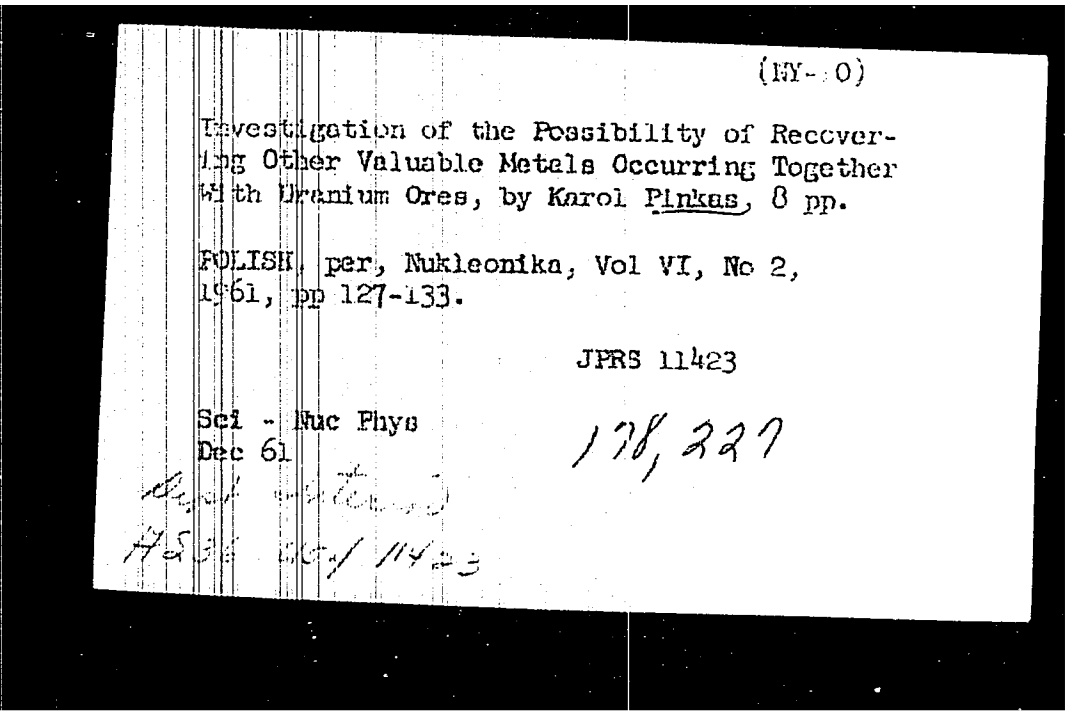
Sci

May 62

193,212

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



(EY-0)

Investigation of the Possibility of Recovering Other Valuable Metals Occurring Together With Uranium Ores, by Karol Pinkas, 8 pp.

POLISH, per, Nukleonika, Vol VI, No 2, 1961, pp 127-133.

JPRS 11423

Sci - Nuc Phys
Dec 61

178,227

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

(NY-6313/b)

Polish-Yugoslav Conference on Production of Nuclear Raw Materials, by K. Pinkas, J. Borysowski, 3 pp.

POLISH, per, Nukleonika, Vol VI, No 1, 1961, pp 68, 69.

JPRS 10105

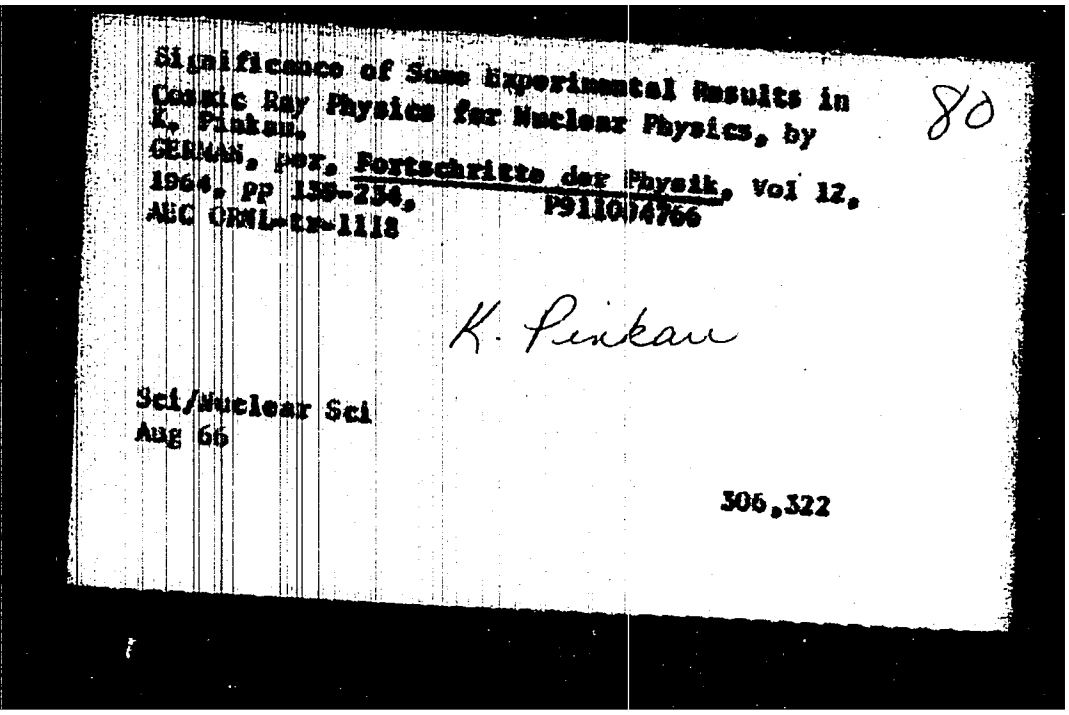
168, 860

Sci - Nuc Phys

Sep 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Significance of Some Experimental Results in Cosmic Ray Physics for Nuclear Physics, by K. Pinkau.
GERMAN, per. Fortschritte der Physik, Vol 12, 1964, pp 135-254.
AEC CRNL-tr-1118

80

P9110/4766

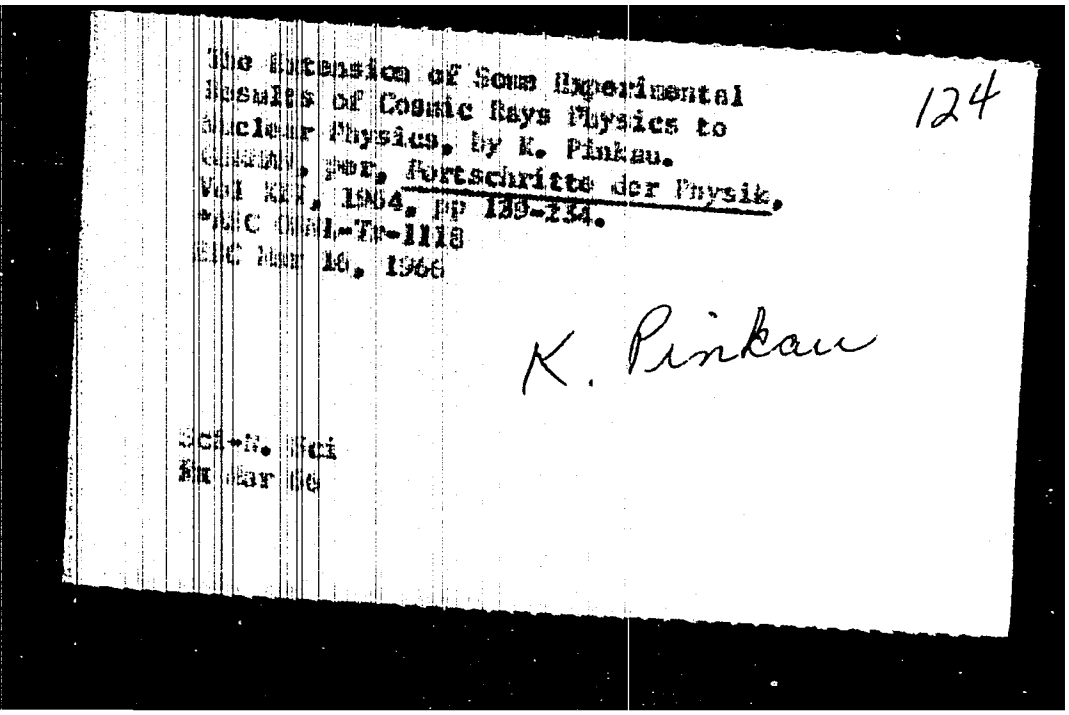
K. Pinkau

Sci/Nuclear Sci
Aug 66

306,322

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



The Extension of Some Experimental Results of Cosmic Rays Physics to Nuclear Physics, by K. Pinkau.

[illegible], per, Fortschritte der Physik, Vol XII, 1964, pp 189-234.

[illegible] AEC tranl-Tr-1118

[illegible] Jan 16, 1966

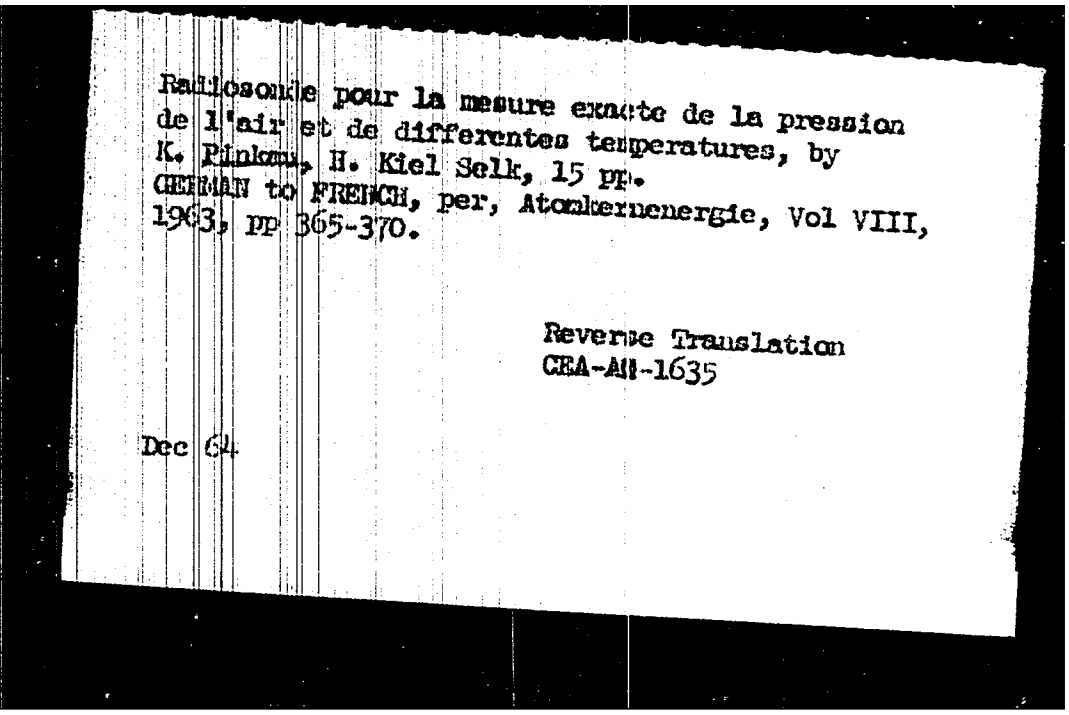
124

K. Pinkau

[illegible]

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Ballonsonde pour la mesure exacte de la pression de l'air et de differentes temperatures, by K. Pinkau, H. Kiel Selk, 15 pp.
GERMAN to FRENCH, per, Atomkernenergie, Vol VIII, 1963, pp 365-370.

Reverse Translation
CEA-AM-1635

Dec 64

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

The Catalytic Oxidation with Air in Liquid Phase. I. The Oxidation of Ethyl Benzene to Acetophenone, by Pinkernelle, Kroning, 18pp.

GERMAN, mono, 1941.

OTS 63-16337

Sci-Chem
Jan 64

248,374

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Pinkernelle.
NEW ANTIOXIDANTS FOR PRESERVATION OF FATS AND OILS. [1963] 6p.
Order from OTS or SLA $1.10 63-14299

Trans. of mono. [Über Neue Antioxydantien zur Konservierung von Fetten und Ölen (I. G. Farbenindustrie. Zetko Report) May 1940, 7p.] (PB-63229).

DESCRIPTORS: *Antioxidants, *Preservation, *Fats, *Oils, Odor, Taste, Colors, Food, *Esters, Synthesis, Propanes, Chlorocarbons, Bromocarbons, Chemical reactions, *Benzoic acids, Amines, Organic compounds, Hydroxides, Alkyl radicals, *Gallic acid.

(Chemistry--Organic, TT, v. 10, no. 3)

63-14299

I. Pinkernelle
II. PB-63229

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Some Problems in the Operation of the BR-5 Fast Neutron Reactor, by M. S. Pinkhasik, N. N. Aristarkhov, A. V. Karpov.

RUSSIAN, bk, Nekotorye Voprosy Opyta Ekaplutatsii Reaktori na Bystrykh Neitronakh Br-5, 1961, 29 pp.

AEC-tr-5266

Sci - NucPhys

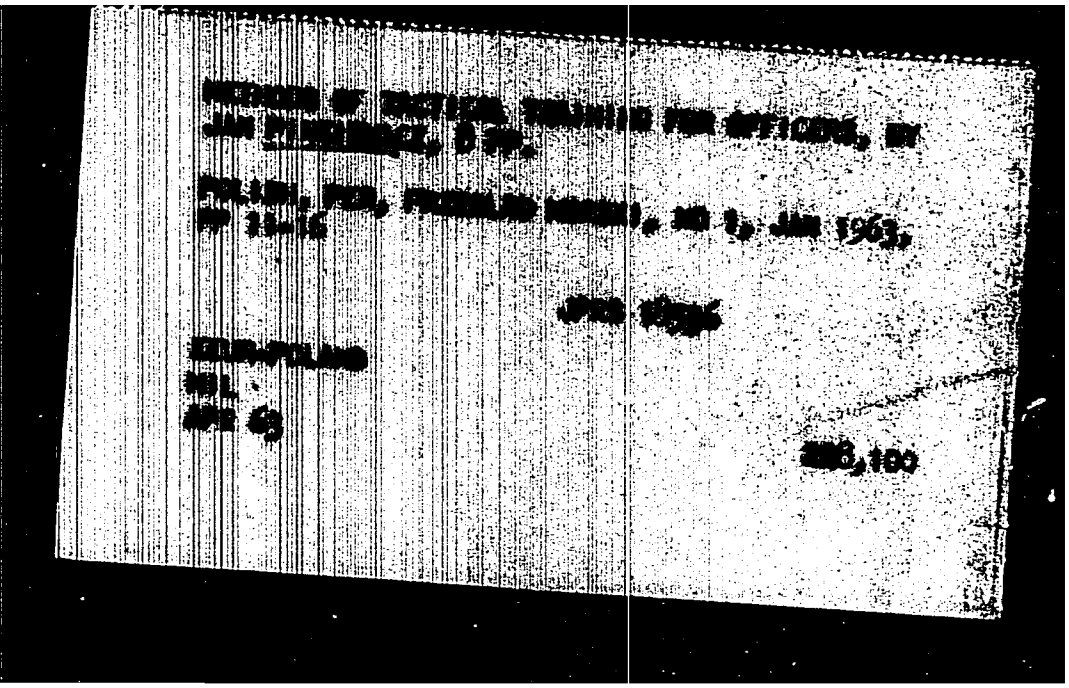
Jan 63

List 74

218,832

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Tetrakistrifluorovinylsilane, by R. N. Sterlin, I. L. Knunyants, L. N. Pinkina, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1959, pp 1492, 1493.

CB

Sci -
May 61

152, 778

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

Reactions of Fluoroolefins. Communication 7. Addition of Acid Chlorides to Vinylidene Fluoride and Trifluoroethylene, by I. L. Knunyants, R. N. Sterlin, L. M. Pinkina, B. L. Dyatkin, 3 pp.

RUSSIAN, par, Iz Nauk SSSR, Otdel Khim Nauk, No 3, 1958, pp 296-299.

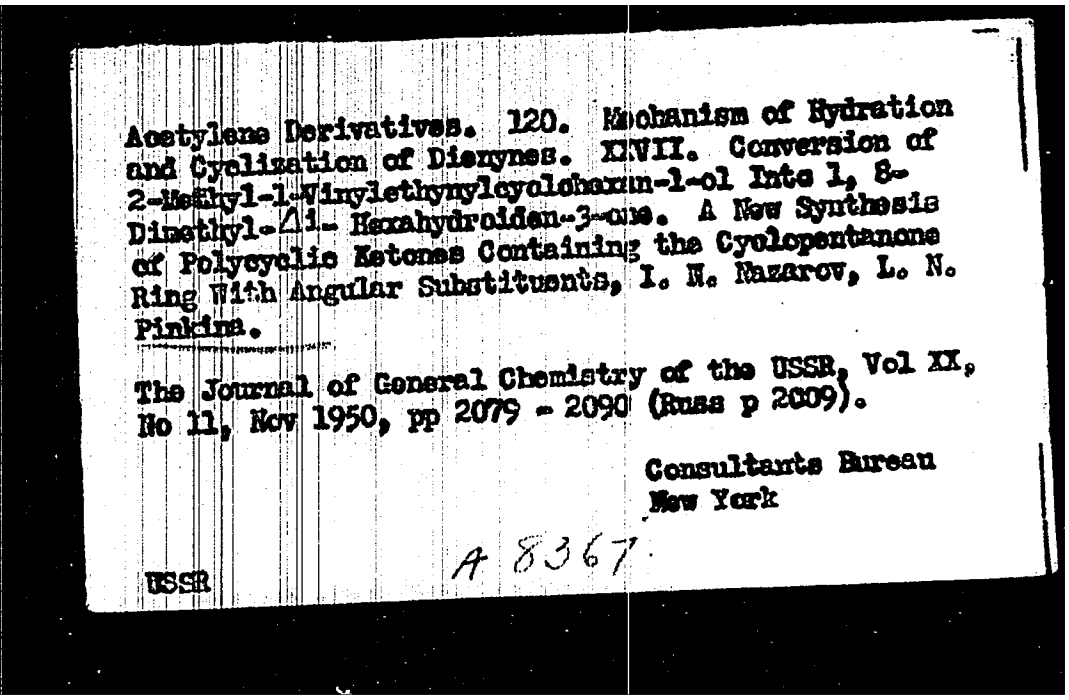
Consultants Bureau

Sci - Chem
Apr 60

112, 303

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Acetylene Derivatives. 120. Mechanism of Hydration and Cyclization of Dienynes. XXVII. Conversion of 2-Methyl-1-Vinylethynylcyclohexan-1-ol Into 1, 8-Dimethyl-Δ1- Hexahydroiden-3-one. A New Synthesis of Polycyclic Ketones Containing the Cyclopentanone Ring With Angular Substituents, I. N. Nazarov, L. N. Pinkina.

The Journal of General Chemistry of the USSR, Vol XX, No 11, Nov 1950, pp 2079 - 2090 (Russ p 2009).

Consultants Bureau
New York

USSR

A 8367

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

PINKINA L. M.

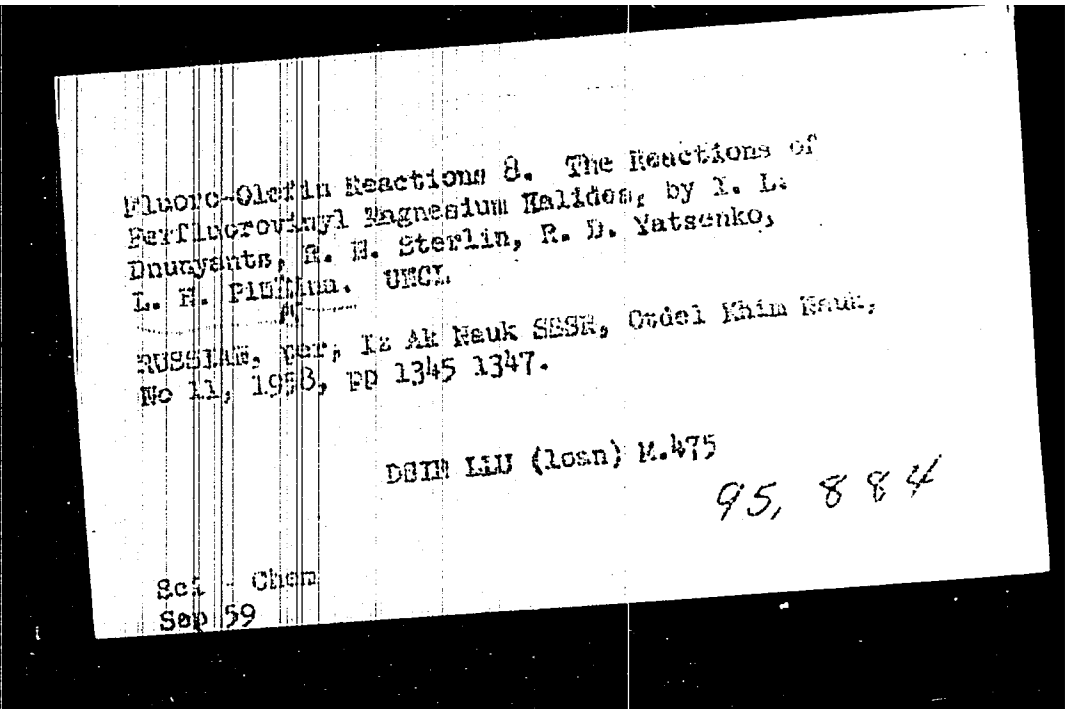
Derivatives of Acetylene. Mechanism of Hydration and Cyclization of the Dienes. XXI. Hydration of 5-Isopropyl-6-Methyl-1, 5-Heptadien-3-Yne to 5-Isopropyl-6-methyl-1, 5-Heptadien-4-ONE and Its Cyclization to 1-isopropyl-2,2,3-Trimethyl-Δ^3, 4-Cyclopenten-5-one. A New Instance of Cyclization of Substituted Vinyallyl Ketones that Have No Free Hydrogen in the Vinyl Radical, 13 pp. Confidential Russian, per, Zhur Obshch Khim, Vol XIX, No 10, 1949.

FDD X-213

A-9200

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5



Fluoro-Olefin Reactions 8. The Reactions of Perfluorovinyl Magnesium Halides, by I. L. Knunyants, E. M. Sterlin, R. N. Yatsenko, L. M. Pluzhnik. USCR.

RUSSIAN, Ser, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1958, pp 1345 1347.

DBIR LIU (Losn) M.475

95, 884

Sci - Chem
Sep 59

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490061-5